

**ADDENDUM #1
KINGSBURY CREEK AND MISSION CREEK SEDIMENT REMOVAL AND BANK
STABILIZATION**

**City of Duluth
Bid No. 13-30DS**

Bid Opening: 10:00 A.M. OCTOBER 4th, 2013

NOTICE TO ALL BIDDERS:

The addendum is issued to modify, explain or correct the original drawings, specification and/or previous addendums and is hereby made a part of the Contract Documents. Please attach this Addendum to the specifications in your possession and note receipt of this Addendum on page 2 of the Request for Bid.

NOTE THE BID DATE HAS CHANGED TO FRIDAY OCTOBER 4TH, 2013 AT 10:00 A.M. IN THE SAME SPECIFIED LOCATION.

The above entitled contract documents are hereby revised as follows:

CONSTRUCTION PLAN SHEETS

The following construction plan sheets have been modified and are included as part of Addendum #1.

SHEET 2 – GENERAL NOTES

UPDATED STATEMENT OF ESTIMATED QUANTITIES

SHEET 4 – EROSION AND SEDIMENT CONTROL DETAILS 2

MODIFIED Temporary and permanent seeding requirements

SHEET 16 – DEBRIS REMOVAL AND BANK STABILIZATION 1

ADDED Access locations and post-flood aerial photo

SHEET 17 – DEBRIS REMOVAL AND BANK STABILIZATION 2

ADDED Access locations and post-flood aerial photo

SHEET 18 – DEBRIS REMOVAL AND BANK STABILIZATION 3

ADDED Access locations and post-flood aerial photo

SHEET 19 – DEBRIS REMOVAL AND BANK STABILIZATION 4

ADDED Access locations and post-flood aerial photo

SHEET 20 – DEBRIS REMOVAL AND BANK STABILIZATION 5

ADDED Access locations and post-flood aerial photo

SHEET 21 – DEBRIS REMOVAL AND BANK STABILIZATION 6

ADDED Access locations and post-flood aerial photo

SHEET 22 – DEBRIS REMOVAL AND BANK STABILIZATION 7

ADDED Access locations and post-flood aerial photo

SHEET 23 – DEBRIS REMOVAL AND BANK STABILIZATION 8

ADDED Access locations and post-flood aerial photo

SHEET 24 – DEBRIS REMOVAL AND BANK STABILIZATION 9

ADDED Access locations and post-flood aerial photo

SHEET 25 – DEBRIS REMOVAL AND BANK STABILIZATION 10

ADDED Access locations and post-flood aerial photo

SHEET 26 – DEBRIS REMOVAL AND BANK STABILIZATION 11

REMOVE plan sheet and associated work

SHEET 27 – DEBRIS REMOVAL AND BANK STABILIZATION 12

REMOVE plan sheet and associated work

SHEET 28 – DEBRIS REMOVAL AND BANK STABILIZATION 13

REMOVE plan sheet and associated work

PROJECT SPECIFICATIONS

COVER SHEET

REPLACE Opening Date: October 2nd, 2013 **with** October 4th, 2013.

REPLACE Time: 2:00 pm **with** 10:00 am.

INVITATION TO BID

Paragraph 1

REPLACE Opening Date: October 2nd, 2013 **with** October 4th, 2013.

REPLACE Time: 2:00 pm **with** 10:00 am.

REQUEST FOR BID FORM

REPLACE Important Note to Bidders No. 3 on page 4 with the following:

3. It is the City's intent to award bids based upon the lower price of the following two methods:

- a. The low price of Exhibit A and Exhibit B summed together, or
- b. Split award of the bids to the lowest Exhibit A bidder and the lowest Exhibit B bidder.

Note that each contractor must submit completed prices for both exhibits with the bid.

EXHIBIT A – KINGSBURY CREEK

REPLACE Exhibit A – Kingsbury Creek with the attached Exhibit A.

EXHIBIT B – MISSION CREEK

REPLACE Exhibit B – Mission Creek with the attached Exhibit B.

DIVISION SP-2.2 (1806) DETERMINATION AND EXTENSION OF CONTRACT TIME

UPDATE Substantial completion is defined as all contract work with the exception of the Permanent Seeding defined under SP-23, live stakes, wattling, and restoration of bituminous trails.

DIVISION SP-9 REMOVE I-BEAMS

DELETE The work described under SP-9 and corresponding plan sheets is removed from the contract in its entirety.

DIVISION SP-10 REMOVE SOLID WASTE

DELETE A large slab of reinforced concrete located at Station 77+00 on Mission Creek shall be removed.

DELETE Measurement and Payment for removal of steel I-beams is covered under a separate pay item.

DIVISION SP-15 BANK STABILIZATION B

REPLACE MNDOT Seed Mix 305 **with** MNDOT Seed Mix 150.

REMOVE MNDOT Standard Specification 2575 applies for native seeding.

DIVISION SP-16 BANK STABILIZATION C

REPLACE All live stakes must be harvested from on-site and within the City of Duluth boundary. MNDOT Standard Specification 2577 applies for live stakes. Material removed can be used as fill for BANK STABILIZATION B practices. The Contractor shall take care to minimize damage to trees and root systems.

with

Live stakes can be harvested from on-site or off-site. Live stakes brought on-site from other locations require approval from the Engineer in the field. MNDOT Standard Specification 2577 applies for live stakes. Material removed can be used as fill for BANK STABILIZATION B practices. The Contractor shall take care to minimize damage to trees and root systems.

ADD MNDOT Seed Mix 150, Fertilizer Type 3; analysis 22-5-10; and erosion control blanket category 3 are required as shown in the details. Natural netting and natural stitching is required for all erosion control blanket category 3.

DIVISION SP-23 (2575) TURF ESTABLISHMENT

ADD Kingsbury Creek – PERMANENT SEEDING (SEED MIXTURE 260 WITH HYDRAULIC SOIL STABILIZER TYPE 6) shall be applied with Hydraulic Soil Stabilizer Type 6 in the spring of 2014 over all areas that have received temporary seeding. This work shall be completed prior to Final Acceptance.

ADD Kingsbury Creek - Measurement and Payment for PERMANENT SEEDING (SEED MIXTURE 260 WITH HYDRAULIC SOIL STABILIZER TYPE 6) shall be by the ACRE (AC), which includes all hydraulic soil stabilizer, seed, labor, equipment, and materials necessary to complete the work.

ADD Mission Creek – PERMANENT SEEDING (SEED MIXTURE 305 WITH HYDRAULIC SOIL STABILIZER TYPE 6) shall be applied with Hydraulic Soil Stabilizer Type 6 in the spring of 2014 over all areas that have received temporary seeding. This work shall be completed prior to Final Acceptance.

ADD Mission Creek - Measurement and Payment for PERMANENT SEEDING (SEED MIXTURE 305 WITH HYDRAULIC SOIL STABILIZER TYPE 6) shall be by the ACRE (AC), which includes all hydraulic soil stabilizer, seed, labor, equipment, and materials necessary to complete the work.

DIVISION SP-25 SITE ACCESS

REPLACE Kingsbury Creek access locations are shown on the plans. Additional access locations must be requested by the Contractor and approved by the Engineer in the field.

Mission Creek access is limited. Access locations shown on the plans are not all inclusive. Access to work areas will require crossing the stream in multiple locations and the use of local unimproved trails. The Contractor shall submit an access plan, including proposed equipment to be used to the Engineer for approval prior to activity in areas where access is required. The access plan shall identify locations of stream entry and crossing as well as methods to minimize disturbance of the stream at crossing locations.

No additional compensation will be made for the development of the access plan. No additional compensation will be made for establishing access and restoring areas disturbed as a result of site access.

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Kingsbury Creek

Kingsbury Creek access locations are shown on the plans. Additional access locations must be requested by the Contractor and approved by the Engineer in the field and Lake Superior Zoo Staff.

An access plan must be submitted to the Engineer for approval prior to any work on the project. No additional compensation will be made for the development of the access plan.

Measurement and Payment for Site Access shall be by the LUMP SUM for Kingsbury Creek. Restoration of turf, bituminous trails, and other disturbed areas and compliance with the SWPPP shall be incidental to SP-25 for areas not designated for restoration on the plans. Sawcutting of bituminous trails for clean connections between existing and restored trail sections is required and is considered incidental to SP-25. Trail restoration shall consist of 2.5 inches of Wear Course and 12 inches of Class V, and in accordance with City Standard Specifications. Sawcutting is estimated to be a maximum of 200 Linear Feet and Bituminous Trail is estimated to be a maximum of 1,000 Square Yards.

Mission Creek

Access to work areas will require crossing the stream in multiple locations and the use of local unimproved trails. Contractor shall minimize movement of equipment in the stream channel. The Contractor shall submit an access plan, including proposed equipment to be used, clearing and grubbing areas, and locations where machinery will be driven in the stream to the Engineer for approval prior to activity in areas where access is required. The access plan shall identify locations of stream entry and crossing, clearing and grubbing, areas where equipment will be driven in the stream, and methods to minimize disturbance of the stream at crossing locations.

Right-of-Ways are shown on the plan. Work areas upstream of Station 29+00 are all owned by the City of Duluth, including unimproved trail areas.

An access plan must be submitted to the Engineer for approval prior to any work on the project. No additional compensation will be made for the development of the access plan.

Measurement and Payment for Site Access shall be by the LUMP SUM for Mission Creek. Restoration of turf, trails, and other disturbed areas and compliance with the SWPPP shall be incidental to SP-25 for areas not designated for restoration on the plans.

DIVISION SP-26 SITE SAFETY

REPLACE At Kingsbury Creek, the Contractor shall block off all work areas from pedestrians prior to activity and in accordance with MNDOT standard specifications. Safety measures are incidental to the contract.

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The contractor is to minimize disturbance to the Lake Superior Zoo operations. When entering or exiting the construction area, the contractor is to use the access route included in these specifications. The Zoo will establish signage and trail closings to keep the patrons of the Zoo delegated to safe viewing areas. The Contractor shall abide by the identified trail crossing and closure areas for construction, and conduct all work within these areas. To close or relocate a closure area the Contractor shall coordinate construction sequencing with Zoo Officials.

Bid #13-30DS Project #: 1271

Kingsbury Creek and Mission Creek Debris Removal and Bank Stabilization

EXHIBIT A - KINGSBURY CREEK

No.	Item #	Item Description	Unit	Estimated Quantity	Unit Price	Cost
1	2021.501	MOBILIZATION	LS	1		
2	2101.502	CLEARING	EACH	2		
3	2101.507	GRUBBING	EACH	2		
4	2105.501	COMMON EXCAVATION	CY	270		
5	2105.511	COMMON CHANNEL EXCAVATION	CY	4145		
6	2105.525	TOPSOIL BORROW (CV)	CY	1900		
7	2123.501	COMMON LABORERS	HR	10		
8	2563.601	TRAFFIC CONTROL	LS	1		
9	2572.501	TEMPORARY FENCE	LF	1400		
10	2573.502	SILT FENCE	LF	450		
11	2573.505	FLOATING SILT CURTAIN TYPE FLOWING WATER	LF	120		
12	2573.540	FILTER LOG TYPE WOOD FIBER BIOROLL	LF	1582		
13	2575.502	SEED MIXTURE 260	LB	226		
14	2575.523	EROSION CONTROL BLANKET CATEGORY 3 (NATURAL NETTING	SY	10940		
15	2575.532	FERTILIZER TYPE 3, 22-5-10 ANALYSIS	LB	226		
16	SP-6	HAND REMOVAL OF SEDIMENT	CY	105		
17	SP-10	REMOVE SOLID WASTE	CY	9		
18	SP-12	SALVAGE BOULDERS	EACH	50		
19	SP-17	WATER HANDLING/DEWATERING	LS	1		
20	SP-18	ON SITE EQUIPMENT	HR	10		
21	SP-19	TEMPORARY ROCK CONSTRUCTION ENTRANCE	EACH	1		
22	SP-23	PERMANENT SEEDING (SEED MIXTURE 260 AND HYDRAULIC SOIL STABILIZER TYPE 6)	AC	3		
23	SP-25	SITE ACCESS	LS	1		

Exhibit A Total Cost: \$ _____

Bid #13-30DS Project #: 1271

Kingsbury Creek and Mission Creek Debris Removal and Bank Stabilization

EXHIBIT B - MISSION CREEK

No.	Item #	Item Description	UNIT	Estimated Quantity	Unit Price	Cost
1	2021.501	MOBILIZATION	LS	1		
2	2101.502	CLEARING	EACH	100		
3	2104.521	SALVAGE & REINSTALL CHAIN LINK FENCE	LF	200		
4	2123.501	COMMON LABORERS	HR	40		
5	2563.601	TRAFFIC CONTROL	LS	1		
6	2573.502	SILT FENCE	LF	1000		
7	2573.540	FILTER LOG TYPE WOOD FIBER BIOROLL (6" DIAMETER)	LF	2933		
8	2575.502	SEED MIXTURE 150	LB	300		
9	2575.523	FERTILIZER TYPE 3, 22-5-10 ANALYSIS	LB	156		
10	2575.532	EROSION CONTROL BLANKET CATEGORY 3 (NATURAL NETTING AND STITCHING)	SY	7563		
11	2577.501	WATTLING	LF	1082		
12	2577.505	LIVE STAKES	EACH	31000		
13	SP-7	SALVAGE AND INSTALL ROOTWAD	EACH	91		
14	SP-8	REMOVE WOODY DEBRIS	CY	1290		
15	SP-10	REMOVE SOLID WASTE	CY	55		
16	SP-11	SALVAGE PRECAST CONCRETE BARRIERS	EACH	13		
17	SP-13	SALVAGE AND INSTALL ROCK	CY	280		
18	SP-15	BANK STABILIZATION B	LF	541		
19	SP-16	BANK STABILIZATION C	LF	2392		
20	SP-18	ON SITE EQUIPMENT	HR	40		
21	SP-19	TEMPORARY ROCK CONSTRUCTION ENTRANCE	EACH	6		
22	SP-21	HYDROSEEDING (STOCKPILE AREA)	AC	2.5		
23	SP-23	PERMANENT SEEDING (SEED MIXTURE 305 AND HYDRAULIC SOIL STABILIZER TYPE 6)	AC	3		
24	SP-25	SITE ACCESS	LS	1		

Exhibit B Total Cost: \$ _____

END OF ADDENDUM